# RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: *10/782,968*

Source: _____

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**RAW SEQUENCE LISTING**
PATENT APPLICATION:  **US/10/782,968**

DATE: 12/01/2004
TIME: 12:37:50

Input Set : **N:\Crf3\RULE60\10782968.raw.txt**
Output Set: **N:\CRF4\12012004\J782968.raw**

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 1 <110> APPLICANT: Kevin J. Williams
 2       Williams, Kevin J.
 3 <120> TITLE OF INVENTION: Thrombospondin Fragments and Uses Thereof In Clinical Assays
for
 4       Cancer and Generation of Antibodies and Other Binding Agents
 5 <130> FILE REFERENCE: W1107-20005
 6 <140> CURRENT APPLICATION NUMBER: US/10/782,968
 7 <141> CURRENT FILING DATE: 2004-02-20
 8 <150> PRIOR APPLICATION NUMBER: US/10/419,462
 9 <151> PRIOR FILING DATE: 2003-04-21
10 <160> NUMBER OF SEQ ID NOS: 53
11 <170> SOFTWARE: PatentIn version 3.2
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15 <212> TYPE: PRT
16 <213> ORGANISM: Artificial Sequence
17 <220> FEATURE:
18 <223> OTHER INFORMATION: Thrombospondin Region
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21       1               5
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25 <212> TYPE: PRT
26 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Thrombospondin Region which includes an N-terminal Cys added
to
29       aid conjugation
30 <400> SEQUENCE: 2
31       Cys Leu Gln Asp Ser Ile Arg Lys Val Thr Glu Glu Asn Lys Glu
32       1               5                   10                  15
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35 <211> LENGTH: 14
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Thrombospondin Region
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42       1               5                   10
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45 <211> LENGTH: 6
46 <212> TYPE: PRT
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47 <213> ORGANISM: Artificial Sequence

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49 <223> OTHER INFORMATION: Thrombospondin Region
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52       1                5
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55 <211> LENGTH: 14
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Thrombospondin Region
60 <400> SEQUENCE: 5
61       Pro Gln Met Asn Gly Lys Pro Cys Glu Gly Glu Ala Arg Glu
62       1               5                   10
64 <210> SEQ ID NO: 6
65 <211> LENGTH: 6
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Thrombospondin Region
70 <400> SEQUENCE: 6
71       Glu Asp Thr Asp Leu Asp
72       1                5
74 <210> SEQ ID NO: 7
75 <211> LENGTH: 15
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Thrombospondin
80 <400> SEQUENCE: 7
81       Tyr Ala Gly Asn Gly Ile Ile Cys Gly Glu Asp Thr Asp Leu Asp
82       1               5                   10                  15
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85 <211> LENGTH: 18
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Thrombospondin Region
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91       Cys Asn Ser Pro Ser Pro Gln Met Asn Gly Lys Pro Cys Glu Gly Glu
92       1               5                   10                  15
93       Ala Arg
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96 <211> LENGTH: 17
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Thrombospondin Region
101 <400> SEQUENCE: 9
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/782,968

DATE: 12/01/2004
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Input Set : N:\Crf3\RULE60\10782968.raw.txt
Output Set: N:\CRF4\12012004\J782968.raw

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104          Pro
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108 <212> TYPE: PRT
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111 <223> OTHER INFORMATION: Thrombospondin Region which includes an N-terminal Cys added
to
112          aid conjugation
113 <400> SEQUENCE: 10
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115          1               5                   10                  15
116          Arg Pro
118 <210> SEQ ID NO: 11
119 <211> LENGTH: 13
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Thrombospondin Region
124 <400> SEQUENCE: 11
125          Pro Gln Met Asn Gly Lys Pro Cys Glu Gly Glu Ala Arg
126          1               5                   10
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130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Thrombospondin Region
134 <400> SEQUENCE: 12
135          Cys Glu Gly Glu Ala Arg
136          1               5
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139 <211> LENGTH: 9
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Thrombospondin Region
144 <400> SEQUENCE: 13
145          Arg Lys Val Thr Glu Glu Asn Lys Glu
146          1               5
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149 <211> LENGTH: 15
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Thrombospondin Region
154 <400> SEQUENCE: 14
155          Asp Asp Asp Asp Asn Asp Lys Ile Pro Asp Asp Arg Asp Asn Cys
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RAW SEQUENCE LISTING                        DATE: 12/01/2004
PATENT APPLICATION:  US/10/782,968          TIME: 12:37:50

Input Set : **N:\Crf3\RULE60\10782968.raw.txt**
Output Set: **N:\CRF4\12012004\J782968.raw**

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164 <220> FEATURE:
165 <221> NAME/KEY: MOD_RES
166 <222> LOCATION: (15)..(15)
167 <223> OTHER INFORMATION: AMIDATION
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173 <211> LENGTH: 7
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
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179       Asp Asp Asp Asp Asn Asp Lys
180       1            5
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183 <211> LENGTH: 14
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Thrombospondin Region
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189       Asn Leu Pro Asn Ser Gly Gln Glu Asp Tyr Asp Lys Asp Gly
190       1            5                    10
192 <210> SEQ ID NO: 18
193 <211> LENGTH: 15
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Thrombospondin Region plus N-terminal Cys to aid
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199       Cys Asn Leu Pro Asn Ser Gly Gln Glu Asp Tyr Asp Lys Asp Gly
200       1            5                    10                   15
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203 <211> LENGTH: 6
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Thrombospondin Region
208 <400> SEQUENCE: 19
209       Glu Asp Tyr Asp Lys Asp
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210          1              5
212 <210> SEQ ID NO: 20
213 <211> LENGTH: 19
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Thrombospondin Region
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220      1              5                  10                  15
221      Glu Gly Asp
223 <210> SEQ ID NO: 21
224 <211> LENGTH: 15
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Thrombospondin Region
229 <400> SEQUENCE: 21
230      Cys Arg Leu Val Pro Asn Pro Asp Gln Lys Asp Ser Asp Gly Asp
231      1              5                  10                  15
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234 <211> LENGTH: 8
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Thrombospondin Region
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240      Asp Gln Lys Asp Ser Asp Gly Asp
241      1              5
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244 <211> LENGTH: 20
245 <212> TYPE: PRT
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247 <220> FEATURE:
248 <223> OTHER INFORMATION: Thrombospondin Region
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250      Cys Pro Tyr Val Pro Asn Ala Asn Gln Ala Asp His Asp Lys Asp Gly
251      1              5                  10                  15
252      Lys Gly Asp Ala
253                      20
255 <210> SEQ ID NO: 24
256 <211> LENGTH: 6
257 <212> TYPE: PRT
258 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Thrombospondin Region
261 <400> SEQUENCE: 24
262      Thr Glu Arg Asp Asp Asp
263      1              5
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**RAW SEQUENCE LISTING ERROR SUMMARY**     DATE: 12/01/2004
PATENT APPLICATION:  **US/10/782,968**     TIME: 12:37:51

Input Set : **N:\Crf3\RULE60\10782968.raw.txt**
Output Set: **N:\CRF4\12012004\J782968.raw**

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The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:2; Line(s) 28
Seq#:10; Line(s) 111
Seq#:41; Line(s) 607
Seq#:45; Line(s) 696

VERIFICATION SUMMARY                        DATE: 12/01/2004
PATENT APPLICATION:  **US/10/782,968**       TIME: 12:37:51

Input Set  : **N:\Crf3\RULE60\10782968.raw.txt**
Output Set: **N:\CRF4\12012004\J782968.raw**